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U.S. Department of Agriculture

BERRHOW NURSERIES

Huxley, Iowa

Price List for Grafted Nut Trees

Nut-Tree Nurseries are few: Demand is great: Order early while available. The trees listed below are subject to prior sale. Order only varieties and sizes having a number or "X", which indicates the number of trees on hand. TERMS: Cash with order. Prices F.O.B. - Huxley, Iowa. No charge for packing. Be sure to add .02% sales tax on all Iowa orders.

VARIETY Size & Price Each

	1/2/3'	3/4'	4/5'	5/6'	6/8'
BLACK WALNUT	2.00	2.25	2.50	2.75	3.00

Banner

Blair

Brown

Cochrane

Hepler

Horton

Homeland

Huber

Idaho

Korn

Kreuse

Lathrop

Mintle

Michigan

Myers

Monterey

Ohio

Ottawa

Patterson

Rebatts

Snepard

Sorrow

Snyder

Siford

Story

Stobie

Stombaugh

Tee Eye

Thomas

Trop

Victoria

Wiard

VARIETY Size & Price Each

	1/2/3'	3/4'	4/5'	5/6'	6/8'
	2.00	2.25	2.50	2.75	3.00

HEART-NUT

Bates

Wright

Walters

Westfield

ENG-WALNUT

Broadview

Orath

BUTTER-JAP

English

Hedrick

	1.00	1.50	2.00	3.00
	1/2'	2/3'	3/4'	4/5'

HAZEL & FILBERTS

Winkler

Mixed-Varieties

Use Order Blank on Reverse Side

BERHOW NURSERIES, HUXLEY, IOWA

ORDER BLANK

DATE 19

Our Order Number _____
Received _____

Dear Sir:

Please book my order for the following grafted nut trees for shipment, by Express Collect (FALL _____ or SPRING _____).

NOTICE:

If the trees you order are sold out by the time your order is received, may I substitute with trees I consider equal or better in value, answer yes or no.

PLEASE PRINT OR WRITE PLAINLY

Skipping Point if Different
From the Address

Total Price

NAME _____

2% Iowa Tax _____
AMOUNT ENCLOSED \$6

NAME: _____
SPP. 2201

STREET _____

SIGNED _____

P.O. _____ STATE _____

STREET _____

NOTICE:

P.O. _____ STATE _____

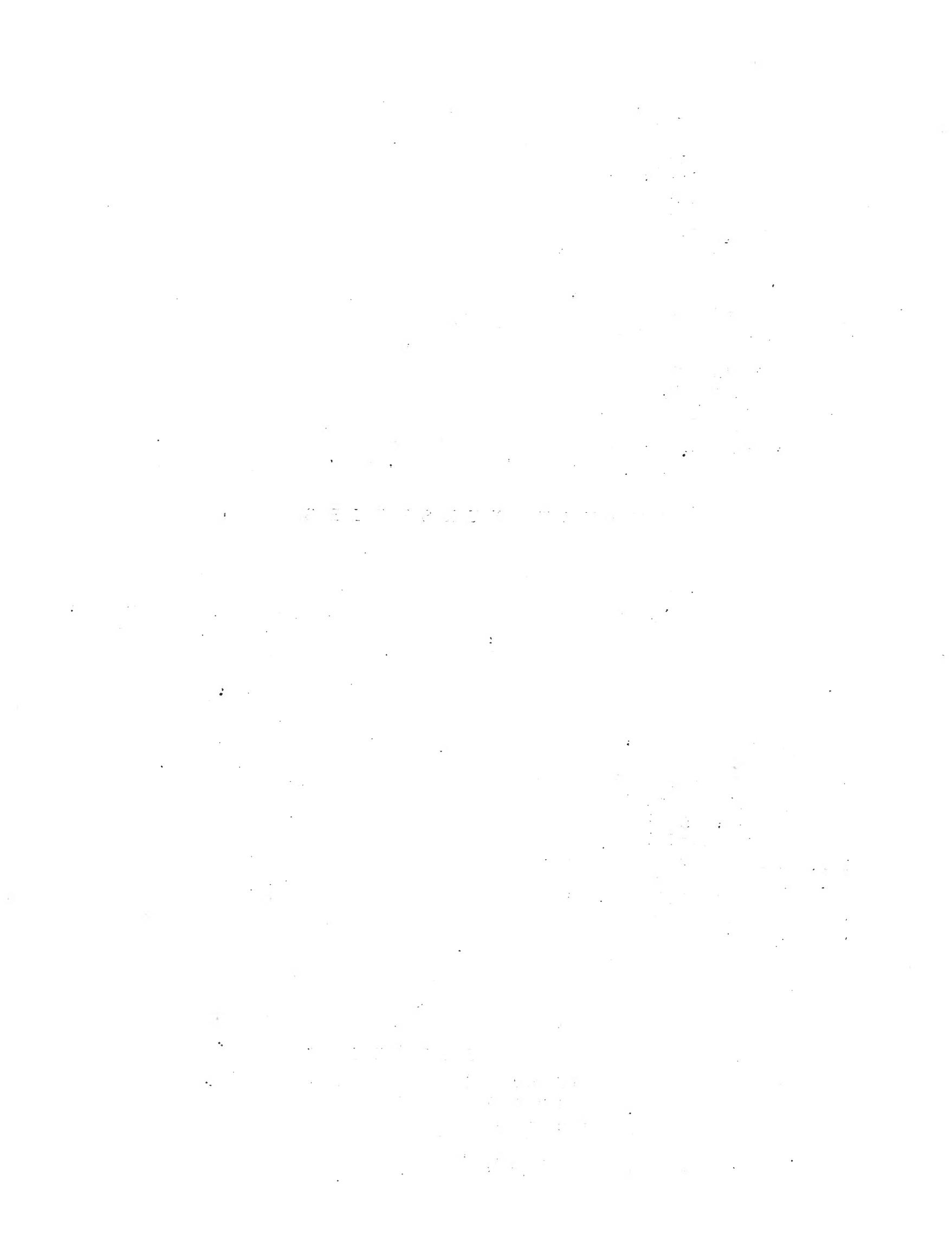
Due to the difficulty in grafting nut trees, there are not a number of parties offering nut trees for sale that are not grafted trees. These are seedling trees, produced by planting nuts from named varieties. Seedling trees will not come true and seldom produce nuts better than the wild ones. They have no right to the name called. Plant only grafted trees and be happy, and not seedling trees and be sorry.

Huxley, Iowa
PLANTING INSTRUCTIONS

Purchasers of Nut trees should be prepared to plant the trees as soon as received. If conditions will not permit planting on arrival, by no means leave them set in the package, but remove form package and at all times avoid exposure of roots to air, wind and sunshine. Sun and wind are very harmful to the roots. Dig a trench and heel in the trees until they can be planted. In planting, dig holes plenty large, so that the roots can be placed in their natural position. Put pulverized top soil in bottom of hole, use peat soil in the bottom if available, as it is fine and will pack well and hold moisture. Avoid leaving air pockets when planting, as this will dry out the soil. Plant the trees one to one-half inches deeper than they were in the nursery and be sure to firm soil well, starting from bottom of hole. A baseball bat is a good tamping tool. Leave soil sloping gently towards tree for a distance of about five feet each way. This will help gather more rain water. Next fill in with plenty of mulch material, such as straw, grass, lawn raking, cobs, etc. Make this mulch six inches or more deep and out a distance of about five feet each way. If season of planting becomes dry, start watering before trees shown signs of suffering for then it is too late. Do not use a small amount of water each evening. Better to water once a week, but give a good soaking when you do it. Pour the water through the mulch as the depression around the trees will put it where it belongs. A good mulching will usually hold enough moisture, that watering will not be necessary, except in rare cases. Do not use water while planting. If the soil is dry when planting, pour water through mulch afterwards. After trees are planted, wrap each one in newspaper and leave it on until growth starts to prevent drying out before the roots get into action.

Nut trees love lime. While there is not yet any formula worked out as to the amount of ground lime-stone to be used, it has been found where native Black Walnut trees grow and perform well, the soil has lime rockstone beds, showing that lime-stone can hardly be overdone. So lets say for the present mix a good one-half gallon of ground limestone with the soil for each tree when planting, and add more in increased amounts about every two years or so. Nut trees are gross feeders and should be fed for best results with fertilizer. As the lime produces neutral soil, which is favorable to nut trees, a fertilizer containing very little, if any, acid should be used in order to work with the lime and not against it. As far as I know, no one has carried on any experiments to determine the proper amounts to be used. Nitrate of soda (a packing house by-product) is a good fertilizer. Amount to be used depends on the soil needs. Using commerical fertilizer I would estimate about one-fourth pound per inch of tree trunk, annually. Cow manure is the best of barnyard manures.

If you have two trees and only time to plant one right, better plant only the one, and throw the other away than to half-way plant the two and loose both, for one living tree is worth more than two dead. When one considers the length of life of a nut tree and the value of its life's production, it can easily be seen how well the owner can afford to give a little extra time and care in planting.

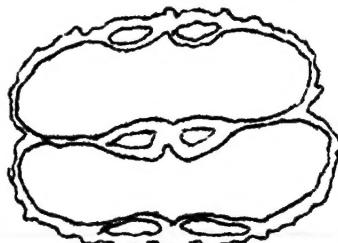


BERHOW-NURSERIES

HUXLEY - IOWA.

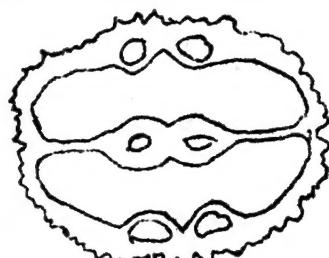
The following shell prints are produced from actual size.
Performance and production is based on conditions herein
central Iowa.

Several varieties should always be planted together
to insure proper pollination



Myers

N-Lat. 40.70 - 29-per-lb.
Disc- 1976 - Ohio.



Ohio

N-Lat. 41.00 - 33-per-lb
Disc- 1915 - Ohio



Horton

N-Lat. 41.70 - 19-per-lb.
Disc- 1938 - Iowa.



Cochrane

N-Lat. 44.05 - 28-per-lb.
Disc- 1940 - Wis.

The thinnest shelled as well as the most wanted of all varieties. In this section it is one of the youngest to come into bearing usually in its second year and is an every year bearer. Late to vegetate and bloom thereby escaping late frosts. For pollination it blooms with OHIO and THOMAS. Season about Oct 10 here. a wonderful cracker of whole halves. Due to thinness of shell huller must not be set as close as for other varieties or some nuts will be cracked in hulling. Score 80.18 Kernel 32.7% - cracking score 100% - Quarters 87% Should be included in every planting group, within its planting range.

Here is the youngest black walnut variety to come into bearing that I have yet fruited. very seldom passes the second season before starting to bear. A very good bearer. produces a heavy crop every year regardless of others with a total failure will crack out more large kernels than most varieties. No harder variety grows. Season here about Oct 5. Blooms right for pollination for Myers and Thomas. Score 79.94 - Kernel 29.34% cracking score 95. has proven adaptable over a wide range. A good one for the north.

A Large square shouldered nut, C.A. Reed - said an excellent nut. Another splendid cracker of plump bright kernels. Heavy and light bearer on alternate years. 1st degree in hardines. Season here about Sept 15. Score 81.92 - Kernel 30.44% cracking score 91.77 - Quarters 91.80% 1st degree in hardines. Should do well in the north.

Cochrane a seedling from Huber, and is of the farthest north origin of all - certainly should do well in northern sections. Here is a nut that looks exceptionally good. Have not yet fruited it here. Has unusual smooth inner shell. When tested by MacDaniels he stated that this variety yielded more halves than any variety he had tested in some time. a variety that should be included in every planting. Score 96. - Kernel 37.7% - cracking score 96.09 - Quarters 97.7%

B E R H O W N U R S E R I E S
Huxley, Iowa

Dear Sir:

In response to your valued inquiry for Grafted Nut Trees, I am enclosing my Price List and other information regarding these trees.

Grafted Black Walnut trees are among our fastest growers, as well as the youngest to come into bearing among edible tree crops. Many varieties start to bear as early as the second and third year after planting and it is always best to plant several varieties for good pollination. These trees are among our hardiest trees and are adaptable to a very wide range. I am often asked which varieties are the best, but this is a hard question to answer as we do not all have the same opinion. Study the record sheet and make your selection. They are all good or they would not have been approved and named.

These named improved varieties have been discovered by different people in different parts of the United States and have proved to have outstanding merits as compared with our native or wild ones. They are young bearing, excellent cracklers, having high kernel percentage with sweet and light colored kernels of superior quality. They are also among our longest lived trees. They produce an annual crop of one of man's best foods, sealed in a tight package that never spoils and with never a worm in the nuts.

Value of nut meats in the diet as given by Dr. John Harvey Kellogg, of Battle Creek, Michigan are as follows: 1# of Black Walnut meats is equal to 4# of Beef; 6½# Beef Ribs; 5½ Veal; 4½# Mutton; 3# Ham; 10 Chicken Broilers; 13½# Oysters; 5# Eggs and 9½# Milk.

My Nut Trees are propagated, sold, carefully hand dug, and packed for shipment by myself. They have a strong root system, and have proved to transplant very satisfactorily. I am very particular in obtaining my graft wood, to be sure they are true to name.

Nut Tree Nurseries are few and the demand for trees is growing by leaps and bounds, and in the past I have shipped Nut Trees to all parts of the United States, without ONE complaint, but considerable repeat orders and complimentary letters, as shown on the reverse side. My suggestion is that if you are in the market for Nut Trees, get your order booked as soon as possible while the varieties and sizes are still to be had. Later you will have less to choose from, as well as completely sold out, resulting in one year's time lost, which will never return.

Yours very truly,

BERHOW NURSERIES
Seward Berhow, Owner

SB/cak
Enc.

C O M P L I M E N T A R Y
L E T T E R S

Berhow Nurseries
Huxley, Iowa

April 24, 1944

Dear Sir:

I received the nut trees in first class condition, and they are fine. You furnish much better root system on nut trees than I have seen anywhere else. I expect to order more this fall.

Very truly yours,
G. W. Naderman -- Washington

Mr. S. Berhow
Berhow Nurseries
Huxley, Iowa

January 31, 1944

Sirs:

I have purchased about 24 nut trees the past three years and from the appearance of your stock would say these trees are the best of the lot. I am more than pleased with them. Thank you for your courtesy and consideration.

Yours truly
Alfred L. Barlow -- Michigan

Berhow Nurseries
Huxley, Iowa

May 8, 1944

Dear Sir:

I wish to thank you for the nice nut trees you sent, also the care with which they were dug. There were no broken roots.

Yours truly,
Dan Edelman -- Kansas

Berhow Nurseries
Huxley, Iowa

May 2, 1944

Dear Mr. Berhow

I want to thank you for the fine stock and the good packing. I am sure I will have a 100% stand this fall.

Yours truly,
Wm. L. Kling - Northern Idaho

Berhow Nurseries
Huxley, Iowa

February 24, 1945

Dear Sir:

The two Black Walnut trees I received from you last spring, arrived in fine shape, and made a fine growth.

Truly yours,
Harry Engstrom -- Minn.

BERHOW NURSERIES

HUXLEY, IOWA

BLACK WALNUT RECORD

Variety	State	Year	North	Total	Ker-	Crack	# Per	Prize-Year
	Orig.	Disc	Lat	Score	nel %	%	Lb.	Contest
Allen	Mich	1923	44.45		23.86		34	1 -1932 Mich.
Adams	Mich	1920	42.15	52.04	21.04	53.00	39	3 -1929 Mich.
Alley	N.Y.	1918	41.35	70.28	26.17	100	41	1-1918 NNGA
Benton	N.Y.	1936	41.45	88.05	29.40	98.34	34	2 -1934 N.Y.
Banner	Iowa	1940	42.30		24.40	100	26	
Bridge	Iowa	1947	42.00	88.06	27.08	78.08	23	
Beck	Mich.	1928	42.40		33.08		37	2 -1929 Mich.
Bloss	Ind.	1934	41.40		24.40		33	
Booth	Va.	1931	37.20	82.32	31.64	93.63	29	
Brown	Ohio	1933	40.20	72.63	29.17	86.00	28	1 -1934 Ohio
Bontz	Ill.	1926			68.08	22.00		
Berhow	Iowa	1942	42.00	79.51	28.73	85.92	19	5 -1942 INGA
Blair	Nebr	1945	41.06	94.03	25.01	100	21	
Burson	Ohio	1946	39.00		28.08		21	2 - 1946 Ohio
Carney	Tenn	1934	36.16		27.41		17	
Clark	Minn	1934	44.00	80.80	21.34	96.07	28	4 -1934 NNGA
Cresco	Iowa	1930	43.20	67.00	29.17	83.45	34	
Cornell	N.Y.	1939	42.27	89.00	25.01	99.06	28	
Cayuga	N.Y.	1939	42.27	81.60	27.28	100	28	
Climax	Mich	1934	42.15	81.60	29.28	90.08	23	
Creitz	Ind.	1926	39.45	83.04	26.16	92.15	28	
Cochrane	Wis	1940	44.05	96.00	32.00	96.09	28	
Davidson	Ohio	1946	39.50		35.05		34	6-1946 Ohio
Duke	Ohio	1946	39.50		25.03		17	1-1946 Ohio
Edras	Iowa	1926	41.60	81.75	30.29	87.52	34	12-1926 NNGA
Edgewood	Ark	1931	36.10	75.05	28.18	81.65	37	
Eureka	Ark	1943			85.44	31.05	100	21
Eagle	Iowa				64.08	18.01	68.08	22
Freel	Iowa	1929	41.25	73.62	33.00	93.90	24	
Grundy	Iowa	1927	42.25	80.89	27.11	97.77	33	
Gilman	Iowa	1937	42.00	78.82	26.09	96.60	23	
Homeland	Va.	1931	37.20	81.07	27.04	78.06	24	
Huber	Wis.	1929	44.05	76.33	34.05	70.07	28	
Hepler	Ind	1931	41.50	82.86	31.28	97.98	32	
Horton	Iowa	1932	42.20	81.92	30.44	91.97	20	2-1932 Iowa
Hare	Ill.	1926	42.15	83.03	24.06	83.03	20	9-1926 NNGA
Huxley	Iowa	1946	42.00					
Iowana	Iowa	1940	41.30	95.00	27.40	95.00	28	4-1942 INGA
Idaho	Idaho	1945	43.00	93.02	25.08	93.07	20	
Jackson	Ohio	1946	39.00		37.03		27	10-1946 Ohio
Kettler	Wis	1934	42.20	80.59	29.52	92.28	39	
Krouse	Iowa	1940	42.05	97.40	27.00		23	2-1942-46 INGA
Korn	Mich	1928	42.15	74.09	27.09	95.29	32	
Kuhn	Ohio	1946	41.00		30.05		24	3-1946 Ohio
Kalamazoo	Mich	1937	42.15		27.27		25	
Lathrop	Iowa	1936	42.50		36.00	100		
Mintle	Iowa	1929	41.00	84.03	29.41	99.30	33	18-1929 NNGA
Monterey	Penn	1931	40.05		28.54	84.87	24	

Variety	State	Year	North	Total	Ker-	Crack	# Per	Prize-Year
	Orig		Orig Disc	Lat	Score	nel %	Lb.	Contest
Martin	Iowa	1939	42.20	77.61	25.70	100	21	
Myers	Ohio	1926	40.20	80.18	32.00	100	29	14-1929 NNGA
Michigan	Mich	1939	42.10	90.01	30.03	90.01	26	
Mc Cormick	Iowa	1934	42.00	92.30	22.08	92.30	19	
Neiderhauser	Iowa	1920	42.00	74.09	29.05	83.33	19	
Orth	Ohio	1946	39.00		25.03		20	7-1946 Ohio
Oliver	Ohio	1946	38.50		25.05		20	5-1946 Ohio
Ohio	Ohio	1915	41.00	102	31.02	97.07	33	2-1942 INGA
Oakes	Ill.	1932	39.45	81.05	31.57	31.09	27	5-1932 Drake
Ottawa	Ohio	1941	40.30	93.04	26.07	97.07	32	
Patterson	Iowa	1926	40.30	79.89	28.30	93.52	30	7-1927 NNGA
Pinecrest	Penn	1931	40.45	80.18	27.19	94.54	23	
Pace	Ark	1937	36.30	78.71	26.08	100	31	
Penn	Ohio	1946	38.50		23.01		18	9-1946 Ohio
Rohwer	Iowa	1926	42.25	75.94	27.09	88.29	24	2-1926 NNGA
Reitz	Ill	1933	42.15		29.33		27	
Rice	Ky	1934	36.00	93.02	25.08	56.00	21	
Relbats	Iowa	1947	42.00					
Sifford	Va	1934	37.31	82.08	31.30	91.13	19	5-1934 NNGA
Snyder	N.Y.	1934	42.20	79.44	25.99	91.05	21	1-1934 N.Y.
Sparrow	Ill.	1935	40.35	90.03	29.94		26	
Stabler	Md.	1911	39.10	78.94	31.22	83.55	23	
Stambaugh	Ill.	1926	40.08	62.00	32.87	81.05	23	1-1926 NNGA
Shessler	Ohio	1937	40.20	96.02	26.07	99.06	22	
Shepard	Iowa	1942	42.45	81.39	28.12	100	24	3-1946 INGA
Sterling	Mich	1932	42.25	92.08	25.09		27	
Schlagenbusch	Iowa	1935		70.16	25.52	75.59	25	1-1946 INGA
Tasterite	N.Y.	1927	42.25	80.16	23.05	100	35	
Todd	Ohio	1934	41.20					
Ten Eyck	N. J.	1915	40.35	74.15	30.45	91.56	26	
Thomas	Penn	1881	40.05	80.07	28.42	88.73	19	1-1942-46 INGA
Throp	Ind.	1926	39.20	59.00	18.73	100	40	
Tritten	Ohio	1933	40.45	43.03	25.10		29	
Templeton	Iowa	1939	42.00	77.06	31.25	73.91	29	
Vail	Iowa	1925	40.50	82.52	30.25	97.69	28	
Victoria	Ky.	1945	36.00	90.02	24.03	96.03	21	
Wiard	Mich	1926	42.15	95.04	31.20	91.00	35	3-1934 NNGA
Wanda	Iowa	1932	41.15	83.12	31.49	95.83	29	
Wrthington	Iowa	1928	41.30	72.62	21.87	93.77		
Winnebago	Nebr	1942	42.02	73.00	28.06	82.07	35	
Wetzel	Penn	1929	41.00	74.16	27.76	93.90	25	4-1929 NNGA
Williamson	W.Va	1945	39.00		21.04		20	8-1946 Ohio
Wagner	Iowa	1945	41.00					2-1946 INGA

*INGA - Iowa Nut Growers Ass'n.

*NNGA - Northern Nut Growers Ass'n

Amherst Boston Worcester

Massachusetts

Auburn Boston Worcester Worcester

Wellesley Waltham Concord

Wellesley Waltham Concord

Wellesley Waltham Concord

ANSWER